

98	14.8	77.9	377.2	9	08	10	124	819	591	Sequence 591, A9p	c 166	11.8	77.9	377.2	9	08	10	124	364	591	Sequence 591, A9p	c 167
99	14.8	77.9	377.2	9	08	10	124	822	591	Sequence 591, A9p	c 167	11.8	77.9	377.2	9	08	10	124	367	591	Sequence 591, A9p	c 168
100	14.8	77.9	377.2	9	08	10	124	825	591	Sequence 591, A9p	c 168	11.8	77.9	377.2	9	08	10	124	370	591	Sequence 591, A9p	c 169
101	14.8	77.9	377.2	9	08	10	124	828	591	Sequence 591, A9p	c 169	11.8	77.9	377.2	9	08	10	124	373	591	Sequence 591, A9p	c 170
102	14.8	77.9	377.2	9	08	10	124	831	591	Sequence 591, A9p	c 170	11.8	77.9	377.2	9	08	10	124	376	591	Sequence 591, A9p	c 171
103	14.8	77.9	377.2	9	08	10	124	834	591	Sequence 591, A9p	c 171	11.8	77.9	377.2	9	08	10	124	379	591	Sequence 591, A9p	c 172
104	14.8	77.9	377.2	9	08	10	124	837	591	Sequence 591, A9p	c 172	11.8	77.9	377.2	9	08	10	124	382	591	Sequence 591, A9p	c 173
105	14.8	77.9	377.2	9	08	10	124	840	591	Sequence 591, A9p	c 173	11.8	77.9	377.2	9	08	10	124	385	591	Sequence 591, A9p	c 174
106	14.8	77.9	377.2	9	08	10	124	843	591	Sequence 591, A9p	c 174	11.8	77.9	377.2	9	08	10	124	388	591	Sequence 591, A9p	c 175
107	14.8	77.9	377.2	9	08	10	124	846	591	Sequence 591, A9p	c 175	11.8	77.9	377.2	9	08	10	124	391	591	Sequence 591, A9p	c 176
108	14.8	77.9	377.2	9	08	10	124	849	591	Sequence 591, A9p	c 176	11.8	77.9	377.2	9	08	10	124	394	591	Sequence 591, A9p	c 177
109	14.8	77.9	377.2	9	08	10	124	852	591	Sequence 591, A9p	c 177	11.8	77.9	377.2	9	08	10	124	397	591	Sequence 591, A9p	c 178
110	14.8	77.9	377.2	9	08	10	124	855	591	Sequence 591, A9p	c 178	11.8	77.9	377.2	9	08	10	124	400	591	Sequence 591, A9p	c 179
111	14.8	77.9	377.2	9	08	10	124	858	591	Sequence 591, A9p	c 179	11.8	77.9	377.2	9	08	10	124	403	591	Sequence 591, A9p	c 180
112	14.8	77.9	377.2	9	08	10	124	861	591	Sequence 591, A9p	c 180	11.8	77.9	377.2	9	08	10	124	406	591	Sequence 591, A9p	c 181
113	14.8	77.9	377.2	9	08	10	124	864	591	Sequence 591, A9p	c 181	11.8	77.9	377.2	9	08	10	124	409	591	Sequence 591, A9p	c 182
114	14.8	77.9	377.2	9	08	10	124	867	591	Sequence 591, A9p	c 182	11.8	77.9	377.2	9	08	10	124	412	591	Sequence 591, A9p	c 183
115	14.8	77.9	377.2	9	08	10	124	870	591	Sequence 591, A9p	c 183	11.8	77.9	377.2	9	08	10	124	415	591	Sequence 591, A9p	c 184
116	14.8	77.9	377.2	9	08	10	124	873	591	Sequence 591, A9p	c 184	11.8	77.9	377.2	9	08	10	124	418	591	Sequence 591, A9p	c 185
117	14.8	77.9	377.2	9	08	10	124	876	591	Sequence 591, A9p	c 185	11.8	77.9	377.2	9	08	10	124	421	591	Sequence 591, A9p	c 186
118	14.8	77.9	377.2	9	08	10	124	879	591	Sequence 591, A9p	c 186	11.8	77.9	377.2	9	08	10	124	424	591	Sequence 591, A9p	c 187
119	14.8	77.9	377.2	9	08	10	124	882	591	Sequence 591, A9p	c 187	11.8	77.9	377.2	9	08	10	124	427	591	Sequence 591, A9p	c 188
120	14.8	77.9	377.2	9	08	10	124	885	591	Sequence 591, A9p	c 188	11.8	77.9	377.2	9	08	10	124	430	591	Sequence 591, A9p	c 189
121	14.8	77.9	377.2	9	08	10	124	888	591	Sequence 591, A9p	c 189	11.8	77.9	377.2	9	08	10	124	433	591	Sequence 591, A9p	c 190
122	14.8	77.9	377.2	9	08	10	124	891	591	Sequence 591, A9p	c 190	11.8	77.9	377.2	9	08	10	124	436	591	Sequence 591, A9p	c 191
123	14.8	77.9	377.2	9	08	10	124	894	591	Sequence 591, A9p	c 191	11.8	77.9	377.2	9	08	10	124	439	591	Sequence 591, A9p	c 192
124	14.8	77.9	377.2	9	08	10	124	897	591	Sequence 591, A9p	c 192	11.8	77.9	377.2	9	08	10	124	442	591	Sequence 591, A9p	c 193
125	14.8	77.9	377.2	9	08	10	124	900	591	Sequence 591, A9p	c 193	11.8	77.9	377.2	9	08	10	124	445	591	Sequence 591, A9p	c 194
126	14.8	77.9	377.2	9	08	10	124	903	591	Sequence 591, A9p	c 194	11.8	77.9	377.2	9	08	10	124	448	591	Sequence 591, A9p	c 195
127	14.8	77.9	377.2	9	08	10	124	906	591	Sequence 591, A9p	c 195	11.8	77.9	377.2	9	08	10	124	451	591	Sequence 591, A9p	c 196
128	14.8	77.9	377.2	9	08	10	124	909	591	Sequence 591, A9p	c 196	11.8	77.9	377.2	9	08	10	124	454	591	Sequence 591, A9p	c 197
129	14.8	77.9	377.2	9	08	10	124	912	591	Sequence 591, A9p	c 197	11.8	77.9	377.2	9	08	10	124	457	591	Sequence 591, A9p	c 198
130	14.8	77.9	377.2	9	08	10	124	915	591	Sequence 591, A9p	c 198	11.8	77.9	377.2	9	08	10	124	460	591	Sequence 591, A9p	c 199
131	14.8	77.9	377.2	9	08	10	124	918	591	Sequence 591, A9p	c 199	11.8	77.9	377.2	9	08	10	124	463	591	Sequence 591, A9p	c 200
132	14.8	77.9	377.2	9	08	10	124	921	591	Sequence 591, A9p	c 200	11.8	77.9	377.2	9	08	10	124	466	591	Sequence 591, A9p	c 201
133	14.8	77.9	377.2	9	08	10	124	924	591	Sequence 591, A9p	c 201	11.8	77.9	377.2	9	08	10	124	469	591	Sequence 591, A9p	c 202
134	14.8	77.9	377.2	9	08	10	124	927	591	Sequence 591, A9p	c 202	11.8	77.9	377.2	9	08	10	124	472	591	Sequence 591, A9p	c 203
135	14.8	77.9	377.2	9	08	10	124	930	591	Sequence 591, A9p	c 203	11.8	77.9	377.2	9	08	10	124	475	591	Sequence 591, A9p	c 204
136	14.8	77.9	377.2	9	08	10	124	933	591	Sequence 591, A9p	c 204	11.8	77.9	377.2	9	08	10	124	478	591	Sequence 591, A9p	c 205
137	14.8	77.9	377.2	9	08	10	124	936	591	Sequence 591, A9p	c 205	11.8	77.9	377.2	9	08	10	124	481	591	Sequence 591, A9p	c 206
138	14.8	77.9	377.2	9	08	10	124	939	591	Sequence 591, A9p	c 206	11.8	77.9	377.2	9	08	10	124	484	591	Sequence 591, A9p	c 207
139	14.8	77.9	377.2	9	08	10	124	942	591	Sequence 591, A9p	c 207	11.8	77.9	377.2	9	08	10	124	487	591	Sequence 591, A9p	c 208
140	14.8	77.9	377.2	9	08	10	124	945	591	Sequence 591, A9p	c 208	11.8	77.9	377.2	9	08	10	124	490	591	Sequence 591, A9p	c 209
141	14.8	77.9	377.2	9	08	10	124	948	591	Sequence 591, A9p	c 209	11.8	77.9	377.2	9	08	10	124	493	591	Sequence 591, A9p	c 210
142	14.8	77.9	377.2	9	08	10	124	951	591	Sequence 591, A9p	c 210	11.8	77.9	377.2	9	08	10	124	496	591	Sequence 591, A9p	c 211
143	14.8	77.9	377.2	9	08	10	124	954	591	Sequence 591, A9p	c 211	11.8	77.9	377.2	9	08	10	124	499	591	Sequence 591, A9p	c 212
144	14.8	77.9	377.2	9	08	10	124	957	591	Sequence 591, A9p	c 212	11.8	77.9	377.2	9	08	10	124	502	591	Sequence 591, A9p	c 213
145	14.8	77.9	377.2	9	08	10	124	960	591	Sequence 591, A9p	c 213	11.8	77.9	377.2	9	08	10	124	505	591	Sequence 591, A9p	c 214
146	14.8	77.9	377.2	9	08	10	124	963	591	Sequence 591, A9p	c 214	11.8	77.9	377.2	9	08	10	124	508	591	Sequence 591, A9p	c 215
147	14.8	77.9	377.2	9	08	10	124	966	591	Sequence 591, A9p	c 215	11.8	77.9	377.2	9	08	10	124	511	591	Sequence 591, A9p	c 216
148	14.8	77.9	377.2	9	08	10	124	969	591	Sequence 591, A9p	c 216	11.8	77.9	377.2	9	08	10	124	514	591	Sequence 591, A9p	c 217
149	14.8	77.9	377.2	9	08	10	124	972	591	Sequence 591, A9p	c 217	11.8	77.9	377.2	9	08	10	124	517	591	Sequence 591, A9p	c 218
150	14.8	77.9	377.2	9	08	10	124	975	591	Sequence 591, A9p	c 218	11.8	77.9	377.2	9	08	10	124	520	591	Sequence 591, A9p	c 219
151	14.8	77.9	377.2	9	08	10	124	978	591	Sequence 591, A9p	c 219	11.8	77.9	377.2	9	08	10	124	523	591	Sequence 591, A9p	c 220
152	14.8	77.9	377.2	9	08	10	124	981	591	Sequence 591, A9p	c 220	11.8	77.9	377.2	9	08	10	124	526	591	Sequence 591, A9p	c 221
153	14.8	77.9	377.2	9	08	10	124	984	591	Sequence 591, A9p	c 221	11.8	77.9	377.2	9	08	10	124	529	591	Sequence 591, A9p	c 222
154	14.8	77.9	377.2	9	08	10	124	987	591	Sequence 591, A9p	c 222	11.8	77.9	377.2	9	08	10	124	532	591	Sequence 591, A9p	c 223
155	14.8	77.9	377.2	9	08	10	124	990	591	Sequence 591, A9p	c 223	11.8	77.9	377.2	9	08	10	124	535	591	Sequence 591, A9p	c 224
156	14.8	77.9	377.2	9	08	10	124	993	591	Sequence 591, A9p	c 224	11.8	77.9	377.2	9	08	10	124	538	591	Sequence 591, A9p	c 225
157	14.8	77.9	377.2	9	08	10	124	996	591	Sequence 591, A9p	c 225	11.8	77.9	377.2	9	08	10	124	541	591	Sequence 591, A9p	c 226
158	14.8	77.9	377.2	9	08	10	124	999	591	Sequence 591, A9p	c 226	11.8	77.9	377.2	9	08	10	124	544	591	Sequence 591, A9p	c 227
159	14.8	77.9	377.2	9	08	10	12															

[illegible]

[illegible]

13.2	74.7	1701	9	08	10	180	55x 26.7	St. Lawrence, 25.7, Afr	25.7	11.2	71.7	7	08	09	99.7	52.1, 200	25.7	11.2	71.7	7	08	09	99.7	52.1, 200
13.2	74.7	1701	9	08	10	201	52.7, 26.7	St. Lawrence, 26.7, Afr	26.7	11.2	71.7	7	08	09	99.7	52.1, 200	26.7	11.2	71.7	7	08	09	99.7	52.1, 200
13.2	74.7	1701	9	08	10	300	11.6A 1.2	St. Lawrence, 1.2, Afr	1.2	11.2	71.7	7	08	09	99.7	52.1, 200	1.2	11.2	71.7	7	08	09	99.7	52.1, 200
13.2	74.7	1701	9	08	10	306	11.7A 4.2	St. Lawrence, 4.2, Afr	4.2	11.2	71.7	7	08	09	99.7	52.1, 200	4.2	11.2	71.7	7	08	09	99.7	52.1, 200
13.2	74.7	1701	9	08	10	313	9.8A 4.2	St. Lawrence, 4.2, Afr	4.2	11.2	71.7	7	08	09	99.7	52.1, 200	4.2	11.2	71.7	7	08	09	99.7	52.1, 200
13.2	74.7	1701	9	08	10	417	9.7A 4.2	St. Lawrence, 4.2, Afr	4.2	11.2	71.7	7	08	09	99.7	52.1, 200	4.2	11.2	71.7	7	08	09	99.7	52.1, 200
13.2	74.7	1701	9	08	10	663	5.5, 7.2	St. Lawrence, 7.2, Afr	7.2	11.2	71.7	7	08	09	99.7	52.1, 200	7.2	11.2	71.7	7	08	09	99.7	52.1, 200
13.2	74.7	1701	9	08	10	173	6.96, 2.7	St. Lawrence, 2.7, Afr	2.7	11.2	71.7	7	08	09	99.7	52.1, 200	2.7	11.2	71.7	7	08	09	99.7	52.1, 200
13.2	74.7	1701	9	08	10	183	3.81, 2.67	St. Lawrence, 2.67, Afr	2.67	11.2	71.7	7	08	09	99.7	52.1, 200	2.67	11.2	71.7	7	08	09	99.7	52.1, 200
13.2	74.7	1701	9	08	10	183	0.16, 2.67	St. Lawrence, 2.67, Afr	2.67	11.2	71.7	7	08	09	99.7	52.1, 200	2.67	11.2	71.7	7	08	09	99.7	52.1, 200
13.2	74.7	1701	9	08	10	125	9.2A 2.67	St. Lawrence, 2.67, Afr	2.67	11.2	71.7	7	08	09	99.7	52.1, 200	2.67	11.2	71.7	7	08	09	99.7	52.1, 200
13.2	74.7	1701	9	08	10	136	4.7, 1.2	St. Lawrence, 1.2, Afr	1.2	11.2	71.7	7	08	09	99.7	52.1, 200	1.2	11.2	71.7	7	08	09	99.7	52.1, 200
13.2	74.7	1701	9	08	10	176	4.7, 1.2	St. Lawrence, 1.2, Afr	1.2	11.2	71.7	7	08	09	99.7	52.1, 200	1.2	11.2	71.7	7	08	09	99.7	52.1, 200
13.2	74.7	1701	9	08	10	187	5.62, 1.2	St. Lawrence, 1.2, Afr	1.2	11.2	71.7	7	08	09	99.7	52.1, 200	1.2	11.2	71.7	7	08	09	99.7	52.1, 200
13.2	74.7	1701	9	08	10	307	1.64A 1.2	St. Lawrence, 1.2, Afr	1.2	11.2	71.7	7	08	09	99.7	52.1, 200	1.2	11.2	71.7	7	08	09	99.7	52.1, 200
13.2	74.7	1701	9	08	10	313	4.3A 1.2	St. Lawrence, 1.2, Afr	1.2	11.2	71.7	7	08	09	99.7	52.1, 200	1.2	11.2	71.7	7	08	09	99.7	52.1, 200
13.2	74.7	1701	9	08	10	147	6.7, 2.7	St. Lawrence, 2.7, Afr	2.7	11.2	71.7	7	08	09	99.7	52.1, 200	2.7	11.2	71.7	7	08	09	99.7	52.1, 200
13.2	74.7	1701	9	08	10	198	7.21, 2.67	St. Lawrence, 2.67, Afr	2.67	11.2	71.7	7	08	09	99.7	52.1, 200	2.67	11.2	71.7	7	08	09	99.7	52.1, 200
13.2																								

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524	525	526	527	528	529	530	531	532	533	534	535	536	537	538	539	540	541	542	543	544	545	546	547	548	549	550	551	552	553	554	555	556	557	558	559	560	561	562	563	564	565	566	567	568	569	570	571	572	573	574	575	576	577	578	579	580	581	582	583	584	585	586	587	588	589	590	591	592	593	594	595	596	597	598	599	600	601	602	603	604	605	606	607	608	609	610	611	612	613	614	615	616	617	618	619	620	621	622	623	624	625	626	627	628	629	630	631	632	633	634	635	636	637	638	639	640	641	642	643	644	645	646	647	648	649	650	651	652	653	654	655	656	657	658	659	660	661	662	663	664	665	666	667	668	669	670	671	672	673	674	675	676	677	678	679	680	681	682	683	684	685	686	687	688	689	690	691	692	693	694	695	696	697	698	699	700	701	702	703	704	705	706	707	708	709	710	711	712	713	714	715	716	717	718	719	720	721	722	723	724	725	726	727	728	729	730	731	732	733	734	735	736	737	738	739	740	741	742	743	744	745	746	747	748	749	750	751	752	753	754	755	756	757	758	759	760	761	762	763	764	765	766	767	768	769	770	771	772	773	774	775	776	777	778	779	780	781	782	783	784	785	786	787	788	789	790	791	792	793	794	795	796	797	798	799	800	801	802	803	804	805	806	807	808	809	810	811	812	813	814	815	816	817	818	819	820	821	822	823	824	825	826	827	828	829	830	831	832	833	834	835	836	837	838	839	840	841	842	843	844	845	846	847	848	849	850	851	852	853	854	855	856	857	858	859	860	861	862	863	864	865	866	867	868	869	870	871	872	873	874	875	876	877	878	879	880	881	882	883	884	885	886	887	888	889	890	891	892	893	894	895	896	897	898	899	900	901	902	903	904	905	906	907	908	909	910	911	912	913	914	915	916	917	918	919	920	921	922	923	924	925	926	927	928	929	930	931	932	933	934	935	936	937	938	939	940	941	942	943	944	945	946	947	948	949	950	951	952	953	954	955	956	957	958	959	960	961	962	963	964	965	966	967	968	969	970	971	972	973	974	975	976	977	978	979	980	981	982	983	984	985	986	987	988	989	990	991	992	993	994	995	996	997	998	999	1000
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: Sequence 26834, Application US/09918995
: Publication No. US2000073624A1
: GENERAL INFORMATION:
: APPLICANT: Hysco, Inc.
: TITLE OF INVENTION: NOVEL NOCTILE ACID SEQUENCES
: TITLE OF INVENTION: FROM VARIOUS CUNA LIBRARIES
: FILE REFERENCE: 20411-756
: CURRENT APPLICATION NUMBER: US/09918995
: CURRENT FILING DATE: 2001-07-30
: PRIOR APPLICATION NUMBER: US/09918995
: PRIOR FILING DATE: 1999-01-20
: NUMBER OF SEQ ID NOS: 48054
: SOFTWARE: FastSeq for Windows Version 3.0
: SEQ ID NO: 26834
: LENGTH: 466
: TYPE: DNA
: ORGANISM: Homo sapiens
: FEATURE:
: NAME/KEY: misc_feature
: LOCATION: (1)...(466)
: OTHER INFORMATION: n = A,T,C or G
US-09-925-548-16.rnpb

```

```

Query Match
Best Local Similarity 86.38; Score 16.4; DB 9; Length 466;
Matches 17; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 1 CACAGAGAGAGCGGCTC 18
DB 441 CACAGAGAGAGCGGCTC 424

```

```

RESULT 5
US-09-214-904-5
: Sequence 5, Application US/09214904
: Patent No. US20010047519A1
: GENERAL INFORMATION:
: APPLICANT:
: TITLE OF INVENTION: TRANSMEMBRAL IN WHICH THE LACKS-14
: TITLE OF INVENTION: OF OPIATE RECEPTORS IS MODIFIED
: NUMBER OF SEQUENCES: 6
: COMPUTER READABLE FORM:
: MEDIUM TYPE: Floppy disk
: COMPUTER: IBM PC compatible
: OPERATING SYSTEM: PC Windows 95
: SOFTWARE: Patent Release #1.0, Version #1.25 (EP-6)
: CURRENT APPLICATION DATA:
: APPLICATION NUMBER: US/09214904
: FILING DATE:
: PRIOR APPLICATION DATA:
: APPLICATION NUMBER: PCT/FR97/01282
: FILING DATE:
: APPLICATION NUMBER: FR 96.08810
: FILING DATE: 15-JUL-1996
: INVENTOR FOR SEQ ID NO: 5:
: SEQUENCE CHARACTERISTICS:
: LENGTH: 1408 base pairs
: TYPE: nucleic acid
: STRANDEDNESS: double
: TOPOLOGY: Linear
: MOLECULE TYPE: DNA (genomic)
: FEATURE:
: NAME/KEY: CDS
: LOCATION: 184...1923
US-09-214-904-5

```

```

Query Match
Best Local Similarity 83.28; Score 15.8; DB 10; Length 1408;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 1 CACAGAGAGAGCGGCTC 19
DB 1092 CACAGAGAGAGCGGCTC 1110

```

```

RESULT 6
US-09-563-726A-6
: Sequence 6, Application US/09563726A
: Publication No. US2000073624A1
: GENERAL INFORMATION:
: APPLICANT: Hysco, Inc.
: APPLICANT: L.L. Zoumel
: APPLICANT: Reschman, Jeffrey M
: TITLE OF INVENTION: Inhibition of Histone Deacetylase
: FILE REFERENCE: 100101-229
: CURRENT APPLICATION NUMBER: US/09563726A
: CURRENT FILING DATE: 2000-05-04
: PRIOR APPLICATION NUMBER: US/09563726A
: PRIOR FILING DATE: 1999-05-04
: NUMBER OF SEQ ID NOS: 36
: SOFTWARE: Patent In Ver. 2.1
: SEQ ID NO: 6
: LENGTH: 122186
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-563-726A-6

```

```

Query Match
Best Local Similarity 89.58; Score 15.8; DB 9; Length 122186;
Matches 17; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

QY 1 CACAGAGAGAGCGGCTC 19
DB 58761 CACAGAGAGAGCGGCTC 69734

```

```

RESULT 7
US-09-563-617-746-7
: Sequence 746, Application US/09563726A
: Patent No. US2000095081A1
: GENERAL INFORMATION:
: APPLICANT: Nicholas, Michael C.
: APPLICANT: Zambrowicz, Robert
: APPLICANT: Sands, Arthur L.
: TITLE OF INVENTION: NO. US2000095081A1 Human Polymorphic Locus
: TITLE OF INVENTION: Polymorphic Locus Encoded Therapy
: FILE REFERENCE: LEX-0021 USA
: CURRENT APPLICATION NUMBER: US/09563726A
: CURRENT FILING DATE: 2001-06-11
: PRIOR APPLICATION NUMBER: US 63/142,048
: FILING DATE: 1999-08-04
: NUMBER OF SEQ ID NOS: 1099
: SOFTWARE: FastSeq for Windows Version 4.3
: SEQ ID NO: 746
: LENGTH: 406
: TYPE: DNA
: ORGANISM: Homo sapiens
US-09-563-617-746-7

```

```

Query Match
Best Local Similarity 94.19; Score 15.4; DB 10; Length 406;
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

QY 1 CACAGAGAGAGCGGCTC 17
DB 240 CACAGAGAGAGCGGCTC 274

```

```

RESULT 8
US-09-728-445-826-7
: Sequence 626, Application US/09728445
: Patent No. US20020102643A1
: GENERAL INFORMATION:
: APPLICANT: Friedberg, Glenn
: APPLICANT: Zambrowicz, Robert
: APPLICANT: Sands, Arthur L.

```

```

1 TITLE OF INVENTION: New Sequencing Method Matched Mammalian Cells and
2 TITLE OF INVENTION: Animals
3 FILE REFERENCE: LEX 0102-USA
4 CURRENT APPLICATION NUMBER: 09/09918996
5 CURRENT FILING DATE: 2001 11 20
6 PRIOR APPLICATION NUMBER: 09/09918996
7 PRIOR FILING DATE: 1999 12 01
8 NUMBER OF SEQ ID NOS: 801
9 SOFTWARE: FastSeq for Windows Version 4.0
10 SEQ ID NO: 826
11 LENGTH: 520
12 TYPE: DNA
13 ORGANISM: Mus musculus
14 FEATURE:
15 NAME/KEY: misc:feature
16 LOCATION: (1)...(520)
17 OTHER INFORMATION: n A,1,C or G

```

```

US 09 925 548 16
Query Match 81.1% Score 15.4 DB 97 Length 520
Best Local Similarity 88.9% Prod. No. 1.4e-02
Matches 16; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

```

```

>>> 1 CAGACAGACAGACAGACAGAC 19

```

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DB 463 CAGACAGACAGACAGACAGAC 466

```

```

RESULT 1

```

```

1 Sequence 41767, Application US/09918996
2 Published No. US2003076624A1
3 GENERAL INFORMATION:
4 APPLICANT: Hyslop, Inc.
5 TITLE OF INVENTION: NEW METHOD AND SEQUENCES OBTAINED
6 FILE REFERENCE: LEX 0102-USA
7 CURRENT APPLICATION NUMBER: 09/09918996
8 PRIOR FILING DATE: 2001-07-30
9 PRIOR FILING DATE: 1999-01-20
10 NUMBER OF SEQ ID NOS: 40054
11 SOFTWARE: FastSeq for Windows Version 4.0
12 SEQ ID NO: 41767
13 LENGTH: 521
14 TYPE: DNA
15 ORGANISM: Homo sapiens
16 FEATURE:
17 NAME/KEY: misc:feature
18 LOCATION: (1)...(521)
19 OTHER INFORMATION: n A,1,C or G

```

```

US 09 918 996 41767

```

```

Query Match 81.1% Score 15.4 DB 97 Length 521
Best Local Similarity 94.1% Prod. No. 1.4e-02
Matches 16; Conservative 9; Mismatches 1; Indels 0; Gaps 0;

```

```

>>> 1 CAGACAGACAGACAGACAGAC 17

```

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DB 250 CAGACAGACAGACAGACAGAC 244

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```

RESULT 10

```

```

1 Sequence 42542, Application US/09918996
2 Published No. US2003076624A1
3 GENERAL INFORMATION:
4 APPLICANT: Hyslop, Inc.
5 TITLE OF INVENTION: NEW METHOD AND SEQUENCES OBTAINED
6 FILE REFERENCE: LEX 0102-USA
7 CURRENT APPLICATION NUMBER: 09/09918996
8 CURRENT FILING DATE: 2001-07-30

```

```

1 TITLE OF INVENTION: New Sequencing Method Matched Mammalian Cells and
2 TITLE OF INVENTION: Animals
3 FILE REFERENCE: LEX 0102-USA
4 CURRENT APPLICATION NUMBER: 09/09918996
5 CURRENT FILING DATE: 2001 11 20
6 PRIOR APPLICATION NUMBER: 09/09918996
7 PRIOR FILING DATE: 1999 12 01
8 NUMBER OF SEQ ID NOS: 801
9 SOFTWARE: FastSeq for Windows Version 4.0
10 SEQ ID NO: 826
11 LENGTH: 520
12 TYPE: DNA
13 ORGANISM: Homo sapiens
14 FEATURE:
15 NAME/KEY: misc:feature
16 LOCATION: (1)...(520)
17 OTHER INFORMATION: n A,1,C or G

```

```

US 09 918 996 42542
Query Match 81.1% Score 15.4 DB 97 Length 520
Best Local Similarity 94.1% Prod. No. 1.4e-02
Matches 16; Conservative 9; Mismatches 1; Indels 0; Gaps 0;

```

```

>>> 1 CAGACAGACAGACAGACAGAC 17

```

```

DB 250 CAGACAGACAGACAGACAGAC 244

```

```

RESULT 11

```

```

1 Sequence 214, Application US/09918996
2 Patent No. US2003014275A1
3 GENERAL INFORMATION:
4 APPLICANT: Rouse et al.
5 TITLE OF INVENTION: Nucleic Acids, Proteins, and Antisense
6 FILE REFERENCE: LEX 0102-USA
7 CURRENT APPLICATION NUMBER: US/09/764,964
8 CURRENT FILING DATE: 2001 07 17
9 PRIOR APPLICATION DATA COMPOUND: example 1A of Table 1 of
10 NUMBER OF SEQ ID NOS: 1796
11 SOFTWARE: FastSeq for Windows Version 4.0
12 SEQ ID NO: 214
13 LENGTH: 1194
14 TYPE: DNA
15 ORGANISM: Homo sapiens
16 FEATURE:
17 NAME/KEY: misc:feature

```

```

US 09 764 964 214
Query Match 81.1% Score 15.4 DB 97 Length 1194
Best Local Similarity 94.1% Prod. No. 1.4e-02
Matches 16; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

```

```

>>> 2 CAGACAGACAGACAGACAGAC 18

```

```

DB 677 CAGACAGACAGACAGACAGAC 693

```

```

RESULT 12

```

```

1 Sequence 605, Application US/09918996
2 Patent No. US2003014275A1
3 GENERAL INFORMATION:
4 APPLICANT: Rouse et al.
5 TITLE OF INVENTION: Nucleic Acids, Proteins, and Antisense
6 FILE REFERENCE: LEX 0102-USA
7 CURRENT APPLICATION NUMBER: US/09/764,964
8 CURRENT FILING DATE: 2001 07 17
9 PRIOR APPLICATION DATA COMPOUND: example 1A of Table 1 of
10 NUMBER OF SEQ ID NOS: 1796
11 SOFTWARE: FastSeq for Windows Version 4.0
12 SEQ ID NO: 605
13 LENGTH: 1183
14 TYPE: DNA
15 ORGANISM: Homo sapiens
16 FEATURE:
17 NAME/KEY: misc:feature
18 LOCATION: (1)...(1183)
19 OTHER INFORMATION: n reports a.c.t.g.t.c.t.g

```

1 LOCATION: (1005)
 2 OTHER INFORMATION: n equals a,t,g, or c
 3 NAME/KEY: SITE
 4 LOCATION: (1094)
 5 OTHER INFORMATION: n equals a,t,g, or c
 6 NAME/KEY: SITE
 7 LOCATION: (1165)
 8 OTHER INFORMATION: n equals a,t,g, or c
 9 US 09 764 864-605

Query Match
 Best local similarity 81.1% Score 15.4 DB 10 Length 146
 Matches 16 Conservative 0 Mismatches 1 Indels 0 Gaps 0

US 09 764 864-169/2

US 09 764 864-169/2

US 09 764 864-169/2

US 09 764 864-169/2

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1 APPLICANT: Grimaldi, J. Christopher
 2 APPLICANT: Curney, Austin L.
 3 APPLICANT: Kijar, Jean J.
 4 APPLICANT: Nipier, Mary A.
 5 APPLICANT: Poni, James
 6 APPLICANT: Poni, Nicholas F.
 7 APPLICANT: Ruff, Barbara Ann
 8 APPLICANT: Stewart, Timothy A.
 9 APPLICANT: Thomas, Daniel
 10 APPLICANT: Wadman, Colin K.
 11 APPLICANT: Williams, P. Mickey
 12 APPLICANT: Wood, William L.
 13 APPLICANT: Zhong, Zhen
 14 TITLE OF INVENTION: Secured and Transmunications End-to-End Packet and Radio
 15 FILE REFERENCE: P27491994
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2022 2023 2024 2025 2026 2027 2028 2029 2030 2031 2032 2033 2034 2035 2036 2037 2038 2039 2040 2041 2042 2043 2044 2045 2046 2047 2048 2049 2050 2051 2052 2053 2054 2055 2056 2057 2058 2059 2060 2061 2062 2063 2064 2065 2066 2067 2068 2069 2070 2071 2072 2073 2074 2075 2076 2077 2078 2079 2080 2081 2082 2083 2084 2085 2086 2087 2088 2089 2090 2091 2092 2093 2094 2095 2096 2097 2098 2099 2100 2101 2102 2103 2104 2105 2106 2107 2108 2109 2110 2111 2112 2113 2114 2115 2116 2117 2118 2119 2120 2121 2122 2123 2124 2125 2126 2127 2128 2129 2130 2131 2132 2133 2134 2135 2136 2137 2138 2139 2140 2141 2142 2143 2144 2145 2146 2147 2148 2149 2150 2151 2152 2153 2154 2155 2156 2157 2158 2159 2160 2161 2162 2163 2164 2165 2166 2167 2168 2169 2170 2171 2172 2173 2174 2175 2176 2177 2178 2179 2180 2181 2182 2183 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2216 2217 2218 2219 2220 2221 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2422 2423 2424 2425 2426 2427 2428 2429 2430 2431 2432 2433 2434 2435 2436 2437 2438 2439 2440 2441 2442 2443 2444 2445 2446 2447 2448 2449 2450 2451 2452 2453 2454 2455 2456 2457 2458 2459 2460 2461 2462 2463 2464 2465 2466 2467 2468 2469 2470 2471 2472 2473 2474 2475 2476 2477 2478 2479 2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535 2536 2537 2538 2539 2540 2541 2542 2543 2544 2545 2546 2547 2548 2549 2550 2551 2552 2553 2554 2555 2556 2557 2558 2559 2560 2561 2562 2563 2564 2565 2566 2567 2568 2569 2570 2571 2572 2573 2574 2575 2576 2577 2578 2579 2580 2581 2582 2583 2584 2585 2586 2587 2588 2589 2590 2591 2592 2593 2594 2595 2596 2597 2598 2599 2600 2601 2602 2603 2604 2605 2606 2607 2608 2609 2610 2611 2612 2613 2614 2615 2616 2617 2618 2619 2620 2621 2622 2623 2624 2625 2626 2627 2628 2629 2630 2631 2632 2633 2634 2635 2636 2637 2638 2639 2640 2641 2642 2643 2644 2645 2646 2647 2648 2649 2650 2651 2652 2653 2654 2655 2656 265
```



```

1  APPLICANT:  Tumas,Daniel
2  APPLICANT:  Watanahe,Colin K
3  APPLICANT:  Wood,William
4  APPLICANT:  Zhang,Zemin
5  TITLE OF INVENTION:  SECRETIT AND FEASIBILITY AND EFFECT OF THE SAME
6  TITLE OF INVENTION:  ACTING EMPLOYING THE SAME
7  FILE REFERENCE:  P338010282
8  CURRENT APPLICATION NUMBER:  05/0176921
9  CURRENT FILING DATE:  2002 06 20
10  Prior Application removed - See File Wrapper on Palm
11  NUMBER OF SEQ ID NOS: 550
12  SEQ ID NO: 491
13  LENGTH: 4772
14  TYPE: DNA
15  ORGANISM: Homo Sapien
16  US-16-176-921-491

```

```

Query Match 77.98% Score 14.87 DB 97 Length 4772
Best Local Similarity 89.99% Filed NO. 166 024
Matches 16: Conservative 0: Mismatched 2: Indels 0: Gaps 0

```

```

25 2 CACAGAGAGAGAGAGGCGTC 19
16 26 CACAGAGAGAGAGGCGGC 214

```

RESULT 16

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US-16-176-921-491/c
Sequence 491, Application US/10176921
Publication No. US20030042726A1

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```

1  GENERAL INFORMATION:
2  APPLICANT:  Baker, Kevin F.
3  APPLICANT:  Beresini, Maureen
4  APPLICANT:  DeForge, Laura
5  APPLICANT:  Desnoyers, Luc
6  APPLICANT:  Ellerauf, Ellen
7  APPLICANT:  Gao,Wei-Quang
8  APPLICANT:  Gerritsen,Mary E.
9  APPLICANT:  Goddard,Andrey
10 APPLICANT:  Godowski,Paul T.
11 APPLICANT:  Gurney,Austin L.
12 APPLICANT:  Sherwood,Steven
13 APPLICANT:  Smith,Victoria
14 APPLICANT:  Stewart,Timothy A
15 APPLICANT:  Tumas,Daniel
16 APPLICANT:  Watanahe,Colin K
17 APPLICANT:  Wood,William
18 APPLICANT:  Zhang,Zemin

```

```

19 TITLE OF INVENTION:  SECRETIT AND FEASIBILITY AND EFFECT OF THE SAME
20 TITLE OF INVENTION:  ACTING EMPLOYING THE SAME

```

```

21 FILE REFERENCE:  P338010282

```

```

22 CURRENT APPLICATION NUMBER:  05/0176921

```

```

23 CURRENT FILING DATE:  2002 06 20

```

```

24 Prior Application removed - See File Wrapper on Palm

```

```

25 NUMBER OF SEQ ID NOS: 550

```

```

26 SEQ ID NO: 491

```

```

27 LENGTH: 4772

```

```

28 TYPE: DNA

```

```

29 ORGANISM: Homo Sapien

```

```

30 US-16-176-921-491

```

```

Query Match 77.98% Score 14.87 DB 97 Length 4772
Best Local Similarity 89.99% Filed NO. 166 024
Matches 16: Conservative 0: Mismatched 2: Indels 0: Gaps 0

```

```

25 2 CACAGAGAGAGAGAGGCGTC 19
16 26 CACAGAGAGAGAGGCGGC 214

```

RESULT 50

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US-09-925-548-16/c
Sequence 61, Application US/00066771

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1  GENERAL INFORMATION:
2  APPLICANT:  Ashik,Naoki,Atsushi
3  APPLICANT:  Baker,Kevin F.
4  APPLICANT:  Goddard,Andrey
5  APPLICANT:  Desnoyers, Luc
6  APPLICANT:  Barton,John L.
7  APPLICANT:  Ferrigno,Rapallo
8  APPLICANT:  Bond,Shoshana
9  APPLICANT:  Gertler,Bernspeter
10 APPLICANT:  Gerritsen,Mary E.
11 APPLICANT:  Goddard,Andrey
12 APPLICANT:  Godowski,Paul T.
13 APPLICANT:  Gurney,Austin L.
14 APPLICANT:  Klayman,David J.
15 APPLICANT:  Napier,Mary A.
16 APPLICANT:  Panto,James
17 APPLICANT:  Panto,Nicholas F.
18 APPLICANT:  Panto,Bernard
19 APPLICANT:  Stewart,Timothy A.
20 APPLICANT:  Tumas,Daniel
21 APPLICANT:  Watanahe,Colin K.
22 APPLICANT:  Williams,P. Miroslaw
23 APPLICANT:  Wood,William L.
24 APPLICANT:  Zhang,Zemin
25 TITLE OF INVENTION:  SECRETIT AND FEASIBILITY AND EFFECT OF THE SAME
26 TITLE OF INVENTION:  ACTING EMPLOYING THE SAME
27 FILE REFERENCE:  P27801012
28 CURRENT APPLICATION NUMBER:  05/00066771
29 CURRENT FILING DATE:  2001 11 14
30 PRIOR APPLICATION NUMBER:  62/044787
31 PRIOR FILING DATE:  1997 06 16
32 PRIOR APPLICATION NUMBER:  62/066256
33 PRIOR FILING DATE:  1997 10 17
34 PRIOR APPLICATION NUMBER:  62/066486
35 PRIOR FILING DATE:  1997 11 12
36 PRIOR APPLICATION NUMBER:  62/066411
37 PRIOR FILING DATE:  1997 11 14
38 PRIOR APPLICATION NUMBER:  62/066776
39 PRIOR FILING DATE:  1997 11 21
40 PRIOR APPLICATION NUMBER:  62/066946
41 PRIOR FILING DATE:  1998 02 26
42 PRIOR APPLICATION NUMBER:  62/076918
43 PRIOR FILING DATE:  1998 08 26
44 PRIOR APPLICATION NUMBER:  62/081122
45 PRIOR FILING DATE:  1998 04 26
46 PRIOR APPLICATION NUMBER:  62/081406
47 PRIOR FILING DATE:  1998 05 07
48 PRIOR APPLICATION NUMBER:  62/081704
49 PRIOR FILING DATE:  1998 06 28
50 PRIOR APPLICATION NUMBER:  62/087007
51 PRIOR FILING DATE:  1998 06 02
52 PRIOR APPLICATION NUMBER:  62/087009
53 PRIOR FILING DATE:  1998 06 02
54 PRIOR APPLICATION NUMBER:  62/087709
55 PRIOR FILING DATE:  1998 06 02
56 PRIOR APPLICATION NUMBER:  62/087827
57 PRIOR FILING DATE:  1998 06 04
58 PRIOR APPLICATION NUMBER:  62/088021
59 PRIOR FILING DATE:  1998 06 04
60 PRIOR APPLICATION NUMBER:  62/088022
61 PRIOR FILING DATE:  1998 06 04
62 PRIOR APPLICATION NUMBER:  62/088026
63 PRIOR FILING DATE:  1998 06 04
64 PRIOR APPLICATION NUMBER:  62/088028
65 PRIOR FILING DATE:  1998 06 04
66 PRIOR APPLICATION NUMBER:  62/088029
67 PRIOR FILING DATE:  1998 06 04
68 PRIOR APPLICATION NUMBER:  62/088030
69 PRIOR FILING DATE:  1998 06 04
70 PRIOR APPLICATION NUMBER:  62/088034
71 PRIOR FILING DATE:  1998 06 04

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